

Section 1 - Document

Date Transferred to Regional Reviewer	09/16/2002
Account ID # RN102864733 Assoc Permit #s	Date Received 08/30/2002
or Reg Entity #	
Primary Contact Mr. Jeff D. Kirby Phone #	(361) 882-5117 Fax # (361) 882-4881
Technical Contact Mr. Jeff D. Kirby Phone #	(361) 882-5117 Fax # (361) 882-4881

General Rules Check:	Yes	No	Describe which/how requirements are met if needed
Is each PBR \leq 25/250 tpy?	x		
Are PBR sitewide emissions > 25/250 tpy? (PN)		x	
Are there permit limits on using PBRs at site?		x	
Is PSD/Nonattainment netting required?		x	
Is FCAA §112g review required? (10/25 tpy)		x	
Do NSPS/NESHAPS/MACT Standards apply?	x		Crude Oil tank has an internal floating roof with a mechanical shoe primary seal and secondary seal and satisfies the requirements of NSPS, subpart K. NESHAPS Subpart BB, Benzene does not apply , Benzene wt percent < rule.
Does NOx Cap and Trade apply to this PBR?		x	
Is the facility in compliance with all other applicable rules and regulations?	x		
Is this facility located at a Title V major site?		x	
Are grandfathered facilities involved with this Registration?		x	

Overall Site / Unit Description:

Superior Crude Gathering , Inc. is registering the Ingleside Crude Storage and Loading Facility in San Patricio County, Texas. This site consists of a 100,000 barrel crude oil internal floating roof storage tank and associated barge loading facility. Superior is located within the National Oil Recovery Corporation (NORCO), Ingleside , TX.

This site was originally permitted under TCEQ permit no's. 6027, 6027A and 6027B. These are now voided as the previous owner did not renew them in 1999.

Emission sources at this site include (1) one storage tank, a barge loading facility and piping fugitives. The emissions from the storage tank were estimated use EPA's TANKS ver 4.09 software, while barge loading emissions were estimated using AP-42, Chapter 5.2.2.1 Fugitives were estimated using API, oil and gas factors from TNRCC , "Air Technical Guidance for Chemical Sources: Equipment Leak Fugitives" draft document, October 2000.

Project Sources / Facilities, PBRs Claimed, Applicable Standards, Emissions and Control Summary:

Superior Crude Gathering is registering this project under Permit By Rule 106.261 and 106.478

106.478 Storage Tank and Change of Service

1. The crude oil tank is located at least 500 feet away from nearest receptor
2. The true vapor pressure (TVP) of the crude product is 3.73 psia < 11 psia
3. The crude oil storage tank is equipped with an internal floating roof tank
 - a. N/A
 - b. The floating roof must incorporate sufficient floatation to conform to the requirements of the American Petroleum Institute Code 650, Appendix C or equivalent.
4. N/A
5. N/A
6. Emissions were calculated using EPA's TANKs version 4.09 which is equivalent to Section 4.3 of AP-42 (1995)
7. N/A, San Patricio is an attainment County.
8. Crude oil is stored in tank.

106.261 Facilities (Emissions Limitations)

1. No other section in this chapter authorizes barge and fugitive emissions. Storage tank emissions are also included
2. The facilities associated with this project are at least 100 feet away from the nearest off site receptor.
3. Crude oil is applicable . Emissions must be less < 6.0 lbs/hr and 10 tpy.

Emissions as reported are 5.97 lbs/hr and 9.98 tpy , conservative estimation

4. N/A
5. No changes and/or additions to any air abatement equipment associated with this project.
6. Visible emissions are will not exceed 5.0 % opacity.
7. Emissions > 5 tpy PI-7 and PI-8 included (PI-7-261 incorporated into PI-7)
8. N/A

Estimated Annual Emissions (Tons/year) -

EPN	Emission Source	NOx	CO	VOC	SO2	PM	H2S
<i>Tank1</i>	<i>100,000 barrel crude oil internal floating roof storage tank</i>	<i>0</i>	<i>0</i>	<i>0.5517</i>	<i>0</i>	<i>0</i>	<i>0</i>
<i>Load1</i>	<i>Barge loading</i>	<i>0</i>	<i>0</i>	<i>9.022</i>	<i>0</i>	<i>0</i>	<i>0</i>
<i>FUG</i>	<i>Equipment Fugitive Emissions</i>	<i>0</i>	<i>0</i>	<i>0.409</i>	<i>0</i>	<i>0</i>	<i>0</i>
	Total Emissions:	0	0	9.9827	0	0	0

Fee Paid (effective November 1, 2002)

Was the appropriate fee paid?	Yes	No	x	N/A
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Emissions (tons/year):

Description	NO _x	CO	VOC	PM	SO ₂
Total for this Registration			9.9827		
Total for: all PBRs or Site (<i>pick one</i>)					

Watch List (if applicable)

Is the chemical/city/county on the watch list?	Yes	x	No
http://home.tnrc.state.tx.us/permitting/airperm/nsr_permits/taraeye.htm			
If yes, what additional review is performed?			

Distance Limitations (if applicable):

Site Review/Distance Limits	Yes	No	Description/Outcome	Date	Reviewed by
Site Review Required?		x			
PBR Distance Limits Met?	x		500 feet from nearest receptor		

Compliance History:	Yes	No	Description / Groupwise Document #
Does this registration require a 30 TAC Chapter 60 Compliance History review?		x	
The compliance period was from to .			
Was the application received after September 1, 2002?		X	
Provide the GroupWise document numbers and a brief description of compliance history from each database:			N/A
Should the PBR claim be denied on the basis of CH?		X	
Description of findings of CH review:			N/A

Review Summary:	Yes	No	If no, describe
Are all general and specific applicable rule conditions satisfied?	x		
Accept Claim for Registration?	x		

	Technical Reviewer	Team Leader/Back up	Section Manager/Back Up
Name/Signature:	Mr. Macario Mayorga	Clyde Price	
Date:	October 9, 2002	October 9, 2002	

Headers

AIR PERMIT BY RULE TECHNICAL REVIEW

Registration No.:	52456	Project No.:	91679	APD Reviewer:	Mr. Macario Mayorga
Company:	Superior Crude Gathering Inc.	Facility Name:	Ingleside Crude Oil Storage and Barge Loading Facility	PBR(s) Claimed:	106.261, 106.478

Footers

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